



Analog meters with alarms





Model	AL 96AC		AL 96DC	
Codes	ANT1...	ANT4...	ANT3...	ANT6...
Ordering codes see page:	04	05	04	05
Measuring quantity	alternating current	alternating voltage	direct current	direct voltage
Rated input	CT /1A or 5A	300V or 500V direct or VT /100V	0-1mA or 0-5mA or 0-10mA or 0-20mA or 4-20mA	60mV...200V
Scale	0...In	0...Un (direct), customizable (VT)	customizable	customizable
Alarm type	1 min. + 1 max. or 2 min. or 2 max.		1 min. + 1 max. or 2 min. or 2 max.	
Alarm threshold adjusting range	41 led on 90° arc		41 led on 90° arc	
Response time	1 - 3 - 6 - 15s		1 - 3 - 6 - 15s	
Hysteresis	5% of threshold value		5% of threshold value	
Reset	< 600ms		< 600ms	
Relay output	2 SPDT relays		2 SPDT relays	
Relay status	negative security		negative security	
A.C. auxiliary supply	115 - 230 - 240Va.c.		115 - 230 - 240Va.c.	
Dimensions	96x96x103mm		96x96x103mm	
Technical note	NT475	NT476	NT477	NT478
Price				

ACCESSORY

code	description
ADGIP549	IP54 front frame protection



Model	AL 96MI		AL 96MI	
Codes	ANTN1...	ANTN2...	ANTN3...	ANTN4...
Ordering codes see page:	05	05	05	05
Measuring quantity	insulation on a.c. line with isolated neutral		insulation on d.c. line	
Line voltage	up to 690/100V	24V	120V	220V
Scale	∞ -5Mohm-0,5-0 or ∞ -2Mohm-0,2-0	∞ -2Mohm-0,2-0 or ∞ -200kohm-20-0		
Alarm type	1 low + 1 high insulation or 2 low insulation		1 low + 1 high insulation or 2 low insulation	
Alarm threshold adjusting range	41 led on 90° arc		41 led on 90° arc	
Response time	1 - 3 - 6 - 15s		1 - 3 - 6 - 15s	
Hysteresis	5% of threshold value		5% of threshold value	
Reset	<600ms		< 600ms	
Relay output	2 SPDT relays		2 SPDT relays	
Relay status	negative security		negative security	
A.C. auxiliary supply	100 - 115 - 230 - 240Va.c.		115 - 230 - 240Va.c.	
Dimensions	96x96x103mm		96x96x103mm	
Technical note	NT481		NT482	
Price				

ACCESSORY	
code	description
ADGIP549	IP54 front frame protection

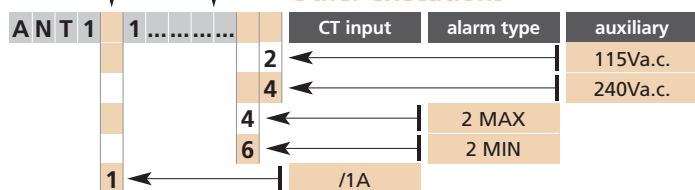
AL 96AC

2 alarms alternating current

96x96mm

Ordering code	Auxiliary supply	Input	Alarm type	Stock		
ANT 1 5 1 A 5 0 0 3 3	230Va.c.	5/5A	Min. - Max.			
ANT 1 5 1 B 1 0 0 3 3	230Va.c.	10/5A	Min. - Max.			
ANT 1 5 1 B 1 5 0 3 3	230Va.c.	15/5A	Min. - Max.			
ANT 1 5 1 B 2 0 0 3 3	230Va.c.	20/5A	Min. - Max.			
ANT 1 5 1 B 2 5 0 3 3	230Va.c.	25/5A	Min. - Max.			
ANT 1 5 1 B 3 0 0 3 3	230Va.c.	30/5A	Min. - Max.			
ANT 1 5 1 B 4 0 0 3 3	230Va.c.	40/5A	Min. - Max.			
ANT 1 5 1 B 5 0 0 3 3	230Va.c.	50/5A	Min. - Max.			
ANT 1 5 1 B 6 0 0 3 3	230Va.c.	60/5A	Min. - Max.			
ANT 1 5 1 B 7 0 0 3 3	230Va.c.	70/5A	Min. - Max.			
ANT 1 5 1 B 7 5 0 3 3	230Va.c.	75/5A	Min. - Max.			
ANT 1 5 1 B 8 0 0 3 3	230Va.c.	80/5A	Min. - Max.			
ANT 1 5 1 C 1 0 0 3 3	230Va.c.	100/5A	Min. - Max.			
ANT 1 5 1 C 1 2 0 3 3	230Va.c.	120/5A	Min. - Max.			
ANT 1 5 1 C 1 2 5 3 3	230Va.c.	125/5A	Min. - Max.			
ANT 1 5 1 C 1 5 0 3 3	230Va.c.	150/5A	Min. - Max.			
ANT 1 5 1 C 1 6 0 3 3	230Va.c.	160/5A	Min. - Max.			
ANT 1 5 1 C 2 0 0 3 3	230Va.c.	200/5A	Min. - Max.			
ANT 1 5 1 C 2 5 0 3 3	230Va.c.	250/5A	Min. - Max.			
ANT 1 5 1 C 3 0 0 3 3	230Va.c.	300/5A	Min. - Max.			
ANT 1 5 1 C 4 0 0 3 3	230Va.c.	400/5A	Min. - Max.			
ANT 1 5 1 C 5 0 0 3 3	230Va.c.	500/5A	Min. - Max.			
ANT 1 5 1 C 6 0 0 3 3	230Va.c.	600/5A	Min. - Max.			
ANT 1 5 1 C 7 0 0 3 3	230Va.c.	700/5A	Min. - Max.			
ANT 1 5 1 C 7 5 0 3 3	230Va.c.	750/5A	Min. - Max.			
ANT 1 5 1 C 8 0 0 3 3	230Va.c.	800/5A	Min. - Max.			
ANT 1 5 1 D 1 0 0 3 3	230Va.c.	1000/5A	Min. - Max.			
ANT 1 5 1 D 1 2 0 3 3	230Va.c.	1200/5A	Min. - Max.			
ANT 1 5 1 D 1 2 5 3 3	230Va.c.	1250/5A	Min. - Max.			
ANT 1 5 1 D 1 5 0 3 3	230Va.c.	1500/5A	Min. - Max.			
ANT 1 5 1 D 1 6 0 3 3	230Va.c.	1600/5A	Min. - Max.			
ANT 1 5 1 D 2 0 0 3 3	230Va.c.	2000/5A	Min. - Max.			
ANT 1 5 1 D 2 5 0 3 3	230Va.c.	2500/5A	Min. - Max.			
ANT 1 5 1 D 3 0 0 3 3	230Va.c.	3000/5A	Min. - Max.			
ANT 1 5 1 D 4 0 0 3 3	230Va.c.	4000/5A	Min. - Max.			
ANT 1 5 1 D 5 0 0 3 3	230Va.c.	5000/5A	Min. - Max.			
ANT 1 5 1 D 6 0 0 3 3	230Va.c.	6000/5A	Min. - Max.			
ANT 1 5 1 D 8 0 0 3 3	230Va.c.	8000/5A	Min. - Max.			
ANT 1 5 1 E 1 0 0 3 3	230Va.c.	10000/5A	Min. - Max.			

Other executions



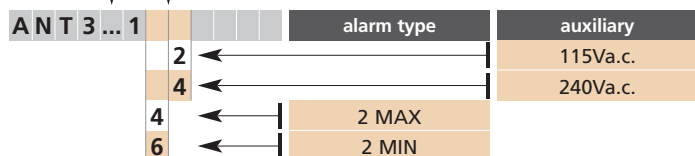
AL 96DC

2 alarms direct current

96x96mm

Ordering code	Auxiliary supply	Input	Alarm type	Stock	Data to be shown in addition to ordering code
ANT 3 1 1 3 3	230Va.c.	1mA	Min. - Max.		scale corresponding to input
ANT 3 2 1 3 3	230Va.c.	5mA	Min. - Max.		scale corresponding to input
ANT 3 3 1 3 3	230Va.c.	10mA	Min. - Max.		scale corresponding to input
ANT 3 4 1 3 3	230Va.c.	20mA	Min. - Max.		scale corresponding to input
ANT 3 5 1 3 3	230Va.c.	4...20mA	Min. - Max.		scale corresponding to input

Other executions



AL 96AC

2 alarms alternating voltage

96x96mm

Ordering code	Auxiliary supply	Input	Alarm type	Stock	Data to be shown in addition to ordering code
ANT4DDC30033	230Va.c.	300V	Min. - Max		
ANT4DDC50033	230Va.c.	500V	Min. - Max		
ANT4PP111133	230Va.c.	VT	Min. - Max		scale and VT ratio

Other executions

Ordering code	alarm type	auxiliary
ANT4.....	2	115Va.c.
	4	240Va.c.
	4	2 MAX
	6	2 MIN

AL 96DC

2 alarms direct voltage

96x96mm

Ordering code	Auxiliary supply	Input	Alarm type	Stock	Data to be shown in addition to ordering code
ANT6P133	230Va.c.	Vd.c.	Min. - Max		Input (60mV...200V) and scale corresponding

Other executions

Ordering code	alarm type	auxiliary
ANT6P1.....	2	115Va.c.
	4	240Va.c.
	4	2 MAX
	6	2 MIN

AL 96MI

2 alarms a.c. network insulation meter

96x96mm

Ordering code	Aux. supply	Line	Scale	Alarm type	Stock	Data to be shown in addition to ordering code
ANTN1131	100Va.c.	VT/100V	5MΩ	Min. - Max	•	
ANTN1133	230Va.c.	VT/100V	5MΩ	Min. - Max		
ANTN1231	100Va.c.	VT/100V	2MΩ	Min. - Max		
ANTN1233	230Va.c.	VT/100V	2MΩ	Min. - Max		

Other executions

Ordering code	alarm type	auxiliary
ANTN1...	2	115Va.c.
	4	240Va.c.
	4	2 MIN (insulation)

AL 96MI

2 alarms d.c. network insulation meter

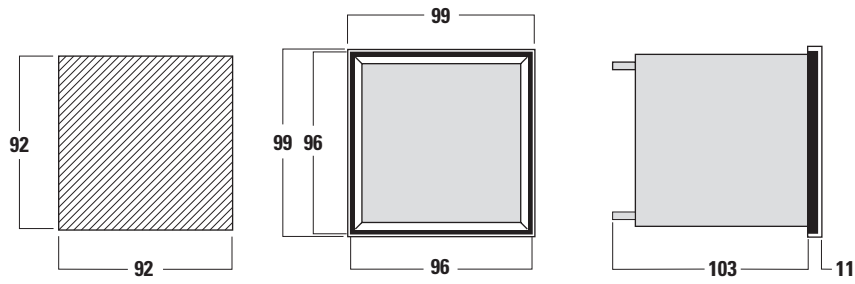
96x96mm

Ordering code	Aux. supply	Line	Scale	Alarm type	Stock	Data to be shown in addition to ordering code
ANTN2233	230Va.c.	24Vd.c.	2MΩ	Min. - Max		
ANTN2333	230Va.c.	24Vd.c.	200MΩ	Min. - Max		
ANTN3233	230Va.c.	120Vd.c.	2MΩ	Min. - Max		
ANTN3333	230Va.c.	120Vd.c.	200MΩ	Min. - Max		
ANTN4233	230Va.c.	220Vd.c.	2MΩ	Min. - Max		
ANTN4333	230Va.c.	220Vd.c.	200MΩ	Min. - Max		

Other executions

Ordering code	alarm type	auxiliary
ANTN.....	2	115Va.c.
	4	240Va.c.
	4	2 MIN (insulation)

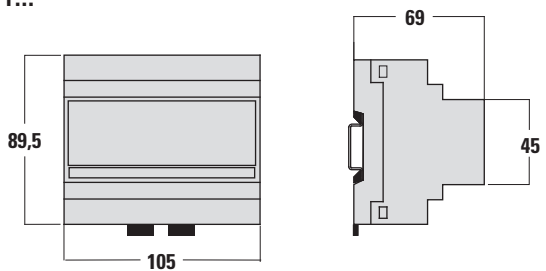
AL 96DC / AL 96AC / AL 96MI



Accessory for AL 96MI

Accessory for AL 96MI

ANTN1...



6 Module

ANTN2... / ANTN3... / ANTN4...

